

ICT

1

Lesson preparation book

prep1

Second term



Teacher 's Biography

Name:

School:

The educational administration:

Qualification:

Teaching Subject:

Comprehensive School:

The school to which he is delegated:

Date of appointment:

The job is on the staff:

Teacher Code:

Mobile Number:

Teacher

Supervisor

School Principal

Daily class schedule

Session Day	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eightieth	Ninth
Saturday									
Sunday									
Monday									
Tuesday									
Wednesday									
Thursday									

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Sunday									
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Tuesday									
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Thursday									

Teacher

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General objectives of the subject of Computer Science and Information and Communication Technology

At the end of the second term the student will be able to :

- **Understanding** the concept of artificial intelligence and its impact on our lives.
- **Understand** the uses and types of sensors.
- **Definition** of the concept of robotics.
- **Realizing** the importance of programming languages.
- **Explain** the types of sensors and robots.
- **Learn** how to use Scratch.
- **Gaining** the skill of dealing with programming languages.
- **Explanation** of the concept of the Python programming language.
- **Use** of robotics and sensor technologies.
- **Learn** the basics of the Python programming language.

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Specific objectives of the subject of Computer Science and Information and Communication Technology

At the end of the second term the student will be able to:

- **Review** some practical applications of artificial intelligence.
- **List** the types of artificial intelligence.
- **Suggest** the largest number of ideas for the uses of artificial intelligence in our lives.
- **Mention** the different types of sensors and their areas of use.
- **Design** a simple project based on the idea of sensors.
- **Explains** Robot concept.
- **Count** Types of robots and their functions.
- **Suggest** the largest number of ideas for the uses of robots in our lives.
- **Explain** Uses of Scratch.
- **Used** Scratch program In a small project.
- **Discuss** The concept of the object area in Scratch.
- **Create** Simple Scratch Project.
- **Develop** Project "adds - deletes - modifies" objects on the project.
- **Explain** Python programming language concept.
- **Count** Uses of Python.
- **Practice** Steps to download Python language to the device.
- **Explain** Concept of changes.
- **Conclude** Types of variables.
- **Write** Simple Python Programming Code.

Teacher

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Distribution of computer and information technology content
For 3rd.Prep 2025 / 2026 - Second Term

MONTH	week	DATE	TOPIC	Evaluations
February 2025	1	8/2/2025	Artificial Intelligence Applications	وفقا لقرار ١٣٧ يتم عمل اختبار أسبوعي واختبار شهري ١
	2	15/2/2025	Sensors	
	3	22/2/2025	Robot	
March 2025	4	1/3/2025	Scratch	
	5	8/3/2025	Scratch	
	6	15/3/2025	Sprites Area in Scratch	
	7	22/3/2025	Sprites Area in Scratch	
	8	29/3/2025	Sprites Area in Scratch	
April 2025	9	5/4/2025	Principles of Python	عيد الفطر اختبار اسبوعي اختبار شهر 2 عيد العمال وتحري سيناء
	10	12/4/2025	Principles of Python	
	11	19/4/2025	Principles of Python	
	12	26/4/2025	Principles of Python	
May2025	13	3/5/2025	REVISION - Practical Exam	
	14	10/5/2025		

Teacher

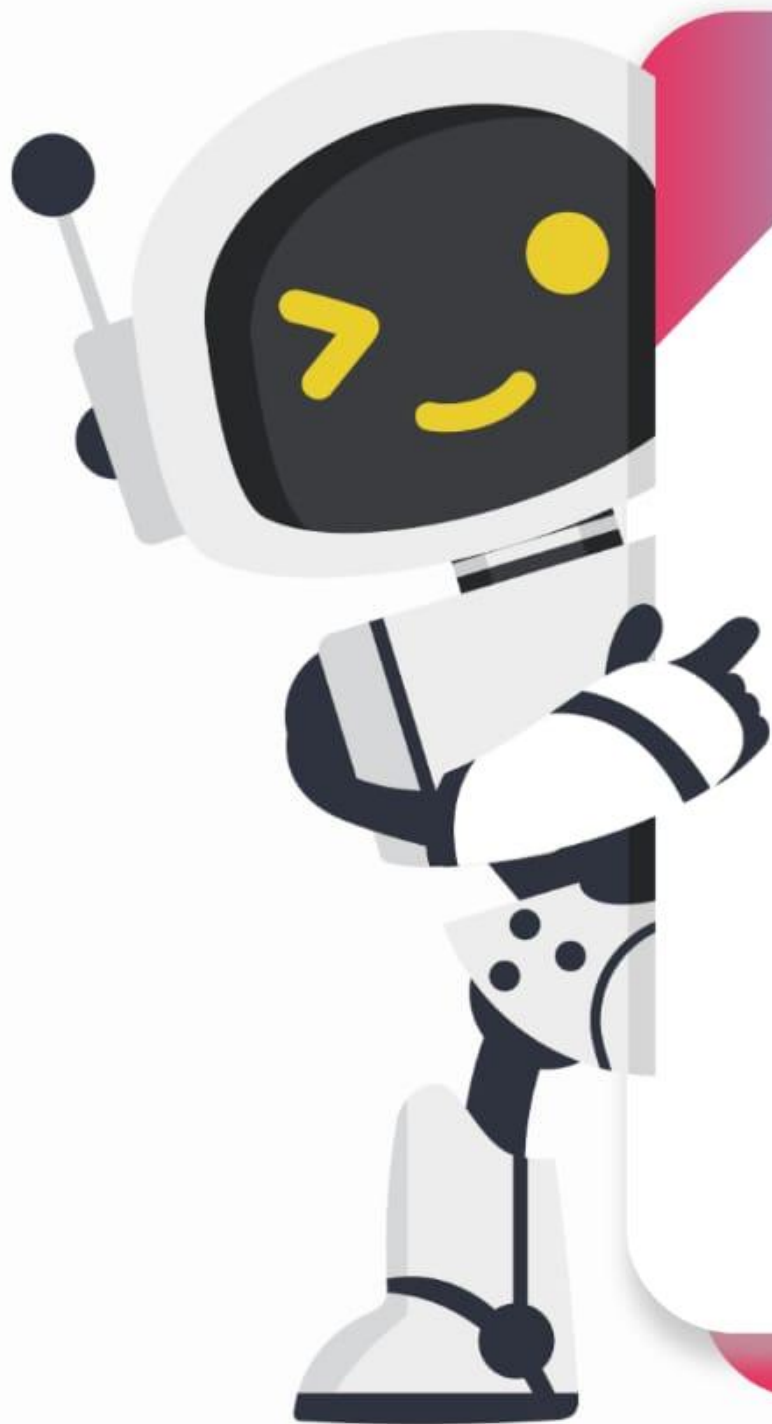
Supervisor

School Principal

Grade	Class	Date	Period	Term	Lesson	Lesson Title
PREP 1				Second		

Introduction /
Lesson objectives/

Skills, values and issues covered in the lesson	Teaching Aids	Assistive technology for integration students if available	Teaching strategies	Subject	Educational activities	Formative assessment	Evaluation
Weekly Assessment				Put (√) Or(x):- To know the type of a variable, we do not need to use the type () function ()			



Practical File

Lesson title	Practical applications	Pages
Lesson 1: Artificial Intelligence Applications	Create intelligent models to recognize images, sounds, and movements using machine .learning	
Lesson 2 Scratch program	Change the program interface language Project	
Continue to Lesson4 Scratch program	Edit Project(1)	
Continue to Lesson5-2 Sprites Area in Scratch	Project(2)	
Follow Lesson 6 Principles of Python	How to download the program from the official website	